

SB-10052011-7472



SI B13 01 13
Fuel Systems

March 2013
Technical Service

SUBJECT

Fuel Tank Pressure Plausibility

MODEL

F02H (ActiveHybrid 7)

F10H (ActiveHybrid 5)

F30H (ActiveHybrid 3)

Produced to 11/2012

SITUATION

A check engine light may be illuminated and the following fault is stored in the DME:

19401B: Fuel tank temperature-pressure sensor, plausibility; pressure to low opposed to ambient

The integrated PT (pressure/temperature) sensor in the NVLD module must be calibrated at all times. If not calibrated, this fault will set when the pressure monitored has drifted out of the specified range.

This condition is most common on vehicles that have had a software update with a version of ISTA/P up to 2.48.3. However, the fault may not occur immediately following programming.

NOTE: If additional faults are stored for communication with the temperature sensor, further investigation is necessary. If the in-tank temperature reads a default high value such as 471°C, continue with the applicable test plan to determine the root cause.

CAUSE

ISTA/P versions up to 2.49.0 did not incorporate the PT sensor calibration in the update.

PROCEDURE

Do not replace any parts.

Program the vehicle, including a complete vehicle coding, using ISTA/P 2.49.0 or a more recent version.

Note that ISTA/P will automatically reprogram and code all programmable control modules that do not have the latest software.

For information on programming and coding with ISTA/P, refer to Centernet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty or the BMW Certified Pre-Owned Program.

Defect Code:	16 13 09 12 00
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Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing “vehicle test” (with vehicle diagnosis system – checking faults)
and if necessary, also		
61 21 528	Refer to KSD2	Charging battery
and		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

If a control module fails to program correctly or initializations are required, the additional work must be claimed with separate labor operations under the applicable defect code listed above; refer to KSD2.

Other Repairs

If performing other ISTA diagnostics and related test plans results with **eligible and covered work**, claim this work with the applicable defect code and labor operations listed in KSD2.

Note: Please follow any TeileClearing (TC) or Diagcode (DC) requirements that may apply to this additional work.

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